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Title: JP03294209A2: COLLAGEN TREATMENT MATERIAL FOR DENTAL AND ORAL SURGERY

Derwent Title: Collagen compsn. for dentistry and oral surgery - contains soluble collagen e.g. athero collagen and fibrous collagen e.g. tendon collagen [Derwent Record]

Country: JP Japan
Kind: A (See also: JP08018998B4)

Inventor: MIYATA TERUO;
ISHIGAKI NOBUYUKI;

Assignee: KOKEN CO LTD
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Published / Filed: 1991-12-25 / 1990-04-12

Application Number: JP1990000094970

IPC Code: A61K 6/08; A61K 37/12;

Priority Number: 1990-04-12 JP1990000094970

Abstract: PURPOSE: To obtain the subject collagen treatment material formable e.g. in the form of a collagen sheet having improved strength and absorption rate to living body and useful for promoting the remedy of wound caused by periodontal treatment by compounding a soluble collagen and a fibrous collagen at a specific ratio and crosslinking the mixture.

CONSTITUTION: The objective collagen material for dental and oral surgery can be produced by mixing 95-40wt.% of a soluble collagen such as atherocollagen with 5-60wt.% of a fibrous collagen originated from tendon and crosslinking the collagen mixture with a



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crosslinking agent such as hexamethylene diisocyanate. The material has improved strength and absorption rate to living body and is formable in the form of collagen sheet or sponge. It is useful as a collagen treatment material for dental and oral surgery for the promotion of the remedy of wound in periodontal treatment, prevention of downward growth of gingival epithelium (down growth), prevention of the leakage of filled material after sealing the extraction cavity, etc.

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CHEMABS 116(14)136329K CAN116(14)136329K DERABS C92-051978 [DERC92-051978](#)



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